

Release Notes

GFX-350 Display: Firmware Version 13.00.000.04.4

AGRICULTURE

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TRIMBLE RESELLER CONFIDENTIAL

Trimble Ag is proud to present the latest firmware release. This release builds on a legacy of high-performing, brand-neutral guidance and application control solutions.

This Release Notes document provides information about the release of display firmware version 13.00.000.04.4 and Precision-IQ™ version 13.00; along with the target audience who is recommended to update their systems, as well as, the known issues that are contained within this release version that may cause users to wait to update.

NOTES -

- Display user data must be backed up before making the update to v13.00.
- Display should be rebooted after a firmware update and before work is started.

Who Should Upgrade Now

This firmware introduces new features and addresses specific issues that have been reported in the field. You should consider upgrading to version 13.00.000.04.4 if:

Installed Version	Upgrade To
Version 12.40 or older where you require the new features outlined below.	Version 13.00 This version includes all of the new features described in this document, plus the fixes to the reported field issues outlined below.
Version 12.40 or older where you experience issues outlined below.	

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Version Compatibility

Once you apply the firmware update, refer to the following table for a summary of updated components:

Display System Components

GFX-350 Display System Components	Version
GFX-350 Display System build	13.00.000.04.4
Precision-IQ app	13.00.000.03.4
App Central	13.00.000.01.0
AutoSync™ Service App	9.7

GNSS/Guidance Control Components

GNSS/Guidance Control Components	Version
NAV-900 Guidance Controller (bundled)	13.00.000.002.4
NAV-500™ Guidance Controller (bundled)	13.00.000.002.4
NavController III	13.75.018.4
VDM-912	1.02.005.0
APMD SAM-200 (bundled)	1.04
IMD-900	1.03
EZ-Pilot® Guidance Controller bundle	IMD-600: 2.01
	SAM-200: 1.04
EZ-Steer® Guidance Controller	SCM T2: 4.01.00

Flow and Application Control Components

Flow and Application Control Components	Version
Field-IQ™ (bundled) Master Switch Box	3.06
Field-IQ (bundled) 12 Section Switch Box	3.06
Field-IQ (bundled) Section Only Module	4.17
Field-IQ (bundled) Rate and Section Module	4.17
Field-IQ (bundled) Seed Monitoring Module	2.06
Field-IQ (bundled) Signal Input Module	3.06
Field-IQ (bundled) Rawson Control Module	3.06
Field-IQ (bundled) Direct Injection Module	30.14

GFX-350 Display Firmware Version 13.00.000.04.4 Enhancement and Bug Fix Summary

Application Language Support

Precision-IQ

Bulgarian, Chinese, Croatian, Czechoslovakian, Danish, Dutch, English, Estonian, French, Finnish, German, Greek, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Latvian, Lithuanian, Mongolian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovak, Spanish, Swedish, Turkish, Ukrainian

Precision-IQ Application

System Enhancements

- Added Slovak translation. [AGAM-22875]
- Added Croatian translation. [AGAM-22873]
- Faster update of datum in Field Manager. [AGAM-21629]
- Option added to Display Setup to automatically launch Run screen on Precision-IQ startup. [AGAM-19265]

System Bugs Fixed

- UI workflow removed to prevent export/import of Data Dictionary. [AGAM-20913]
- Landmark edits are not being saved and disappearing from the landmark library. [AGAM-22864]
- CIH Magnum failing to authenticate after tractor firmware update. This is an Ag-Escalated case resolution. [AGFUSION-4503]
- 2021 CIH Magnum Sonalert stays on when the tractor is stopped or below 0.20mph/0.32kph and engaged. This is an Ag-Escalated case resolution. [AGFUSION-3972]
- OEM Branding App contains all brand selections. [AGAM-23207]
- No CAN messages sent from port B on the NAV-900 to CAN Yield Monitor. [AGAM-23227]

AutoSync/Work Orders Enhancements

- Several enhancements were made to improve the performance and stability of the Autosync service.

GNSS Enhancements

- Improvements made to reduce the occurrence of NAV-900 GNSS Receivers displaying a *No GPS data from receiver* error message. [AGAM-19380]
- SATEL 9600 RTK Radio Protocol is supported. [AGFUSION-4799]
- RTX beam change updated to the latest RTX frequency. [AGAM-21332]

GNSS Bugs Fixed

- VRSNow dropping constellations when CMRx is selected as Mountpoint. [AGFUSION-4645]
- Unable to select RTX frequencies or set custom RTX frequencies on some systems. [AGAM-21974]
- No visual warning that xFill® has kicked in. [AGAM-21805]
- GNSS Correction Type: Wrong translation to Portuguese language. [AGAM-23541]
- Pattern selector operation type filter translations for Portuguese. [AGAM-23546]

Guidance/Mapping Enhancements

- When a headland pattern is activated in Field Manager, it requires an extra tap on the highlighted headland pattern for the **Infill** and **Circuit** buttons to become enabled. [AGAM-22659]
- Headland inner boundary had the appearance of being active after it was deactivated. [AGAM-22684]
- Incorrect Dutch translation of the label on the **Back** button. Seen when entering the vehicle and implement measurements. [AGAM-21808]
- **Start** and **Stop** buttons in wrong states after starting auto-calibration of vehicle. [AGAM-21724]
- Optional setting added to prompt the user before changing fields. This setting is directly under the main Field Finder on/off in Display Setup. [AGAM-18575]

- Automatic Guidance Line Selection has been added to Test Plot. Auto selects the first line set in the active field upon entering the Run screen. [AGAM-22763]
- "Offline Distance Exceeded" banner automatically clears when the condition is resolved, allowing for faster re-engagement of Autoguidance. [AGFUSION-4867]
- The online performance of high-velocity vehicles using EZ-Pilot Pro and Autopilot Motor Drive has been improved. [AGFUSION-4471]

Guidance/Mapping Bugs Fixed

- Bug resolved in which coverage logging from previous tasks was not cleared during field changes. [AGAM-12591]
- Precision-IQ crashes when using the "Landmarks" feature from an existing line in the display that was created on previous firmware versions. This is an Ag-Escalated Case resolution. [AGAM-22653]
- VDM-912 dead zones for John Deere Ratiometric machines (ATR) are backward. This is an Ag-Escalated Case Resolution. [AGFUSION-4719]
- Next Guidance Line is not presented in the right order. [AGAM-23513]

Flow & Application Enhancements

- Setting added for the number format in stand-alone UT application. [AGAM-22190]

Flow & Application Bugs Fixed

- Occasionally, when manually editing the calibration constant the PWM can run max speed during calibration, effectively out of control. [AGAM-21967]

How to Check Firmware Version

Details about the installed firmware version on your GFX-350 Display System is available in two locations: **App Central** and **Precision-IQ**.

Using App Central

To locate the firmware version using App Central:

1. From the Launcher screen, tap the **App Central** icon.
2. Tap the information icon in the upper right hand corner.
3. On the System Information pop-up, locate the **Version** item. This value is the firmware version.
4. Tap **OK** to dismiss the window.

Using Precision-IQ

1. From the Launcher screen, tap the **Precision-IQ** icon.
2. On the Precision-IQ Home screen, tap the **System** tile.
3. On the System screen, the **Firmware** column for the Precision-IQ display shows the current firmware.
4. Tap **Home** to return to the Home screen.

For More Information

Contact your local Trimble Regional Sales Manager.